Claims:

$1 \qquad \qquad 1$	l. A	water-l	based,	erasable	marking	composition	comprising	g:

- 2 1 86% by weight water;
- 3 0.3 38% by weight pigment;
- 4 0 85% by weight glycerin; and
- 5 13 45% by weight polyurethane, wherein said polyurethane
- 6 has a viscosity which increases by at least a factor of 10 when said
- polyurethane is dried from a 30% dispersion of said polyurethane in water
- 8 to a 65% polyurethane dispersion in water.
- 1 2. The erasable composition of claim 1, further comprising a
- 2 surfactant.
- The erasable composition of claim 2, wherein said surfactant is
- a fluorosurfactant present at less than 1% by weight.
- 1 4. The erasable composition of claim 1, further comprising 0 -
- 2 0.5% by weight anti-microbial preservative.
- 1 5. A water-based, erasable marking composition comprising:
- 2 13 69% by weight water;
- 5 15% by weight glycerin;

- 4 0.3 6% by weight pigment; and
- 5 26 42.5% by weight polyurethane, wherein said polyurethane
- 6 has a viscosity which increases by at least a factor of 10 when said
- 7 polyurethane is dried from a 30% dispersion of said polyurethane in water
- 8 to a 65% polyurethane dispersion in water.
- 1 6. The erasable composition of claim 5, further comprising a
- 2 surfactant.
- 7. The erasable composition of claim 6, wherein said surfactant is
- a fluorosurfactant present at less than 1% by weight.
- 1 8. The erasable composition of claim 5, further comprising 0 -
- 2 0.5% by weight anti-microbial preservative.
- 1 9. A water-based, erasable marking composition comprising:
- 52% by weight water;
- 3 9% by weight glycerin;
- 4 4% by weight pigment; and
- 5 35% by weight polyurethane, wherein said polyurethane
- 6 has a viscosity which increases by at least a factor of 10 when said
- 7 polyurethane is dried from a 30% dispersion of said polyurethane in water
- 8 to a 65% polyurethane dispersion in water.

	1	10.	The erasable composition of claim 9, further comprising a
	2	surfactant.	
	1	11.	The erasable composition of claim 10, wherein said surfactant
	2	is a fluorosi	arfactant present at $0.002 - 0.375\%$ by weight.
	1	12.	The erasable composition of claim 9, further comprising 0.05 –
	2	0.15% by w	reight anti-microbial preservative.
PARTY OF THE PARTY	1	13.	An application instrument comprising:
PART PART PART PART PART PART PART PART	2		an outer body having a first end;
home and then he dies that			
eorge Charles	3		an applicator at said first end of said outer body;
erito erito erito erito erito erito erito	4		a reservoir included within said outer body and in fluid
	5	communicat	tion with said applicator; and
to the state of th	_		
	6		a water-based, erasable marking composition within said
erina Selvin	7	reservoir, sa	id water-based, erasable marking composition comprising:
	8		1 - 86% by weight water;
	9		0.3 - 38% by weight pigment;
]	10		0 - 85% by weight glycerin; and
	. 4		10 450/1
]	1		13 - 45% by weight polyurethane, wherein said polyurethane

- has a viscosity which increases by at least a factor of 10 when said
- polyurethane is dried from a 30% dispersion of said polyurethane in water
- to a 65% polyurethane dispersion in water.
- 1 14. The application instrument of claim 13, wherein said water-
- 2 based, erasable marking composition further comprises a surfactant.
- 1 15. The application instrument of claim 14, wherein said surfactant
- 2 is a fluorosurfactant present at less than 1% by weight.
- 1 16. The application instrument of claim 13, wherein said water-
- 2 based, erasable marking composition comprises:
- 3 13 69% by weight water;
- 5 15% by weight glycerin;
- 5 0.3 6% by weight pigment; and
- 6 26 42.5% by weight polyurethane, wherein said polyurethane
- 7 has a viscosity which increases by at least a factor of 10 when said
- 8 polyurethane is dried from a 30% dispersion of said polyurethane in water
- 9 to a 65% polyurethane dispersion in water.
- 1 17. The application instrument of claim 13, wherein said water-
- 2 based, erasable marking composition comprises:
- 3 52% by weight water;

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4	9% by weight gly	cerin;
T	770 by weight gry	

- 4% by weight pigment; and 5
- 35% by weight polyurethane, wherein said polyurethane 6
- has a viscosity which increases by at least a factor of 10 when said 7
- polyurethane is dried from a 30% dispersion of said polyurethane in water 8
- to a 65% polyurethane dispersion in water. 9
- The application instrument of claim 13, further comprising 0.05 18. 1
- 0.15% by weight anti-microbial preservative. 2
- 19. The erasable marking composition of claim 1 wherein the
- composition has an erasability of greater than 50%.
- 20. The erasable marking composition of claim 5 wherein the
- composition has an erasability of greater than 50%.